

**CONCORDIA UNIVERSITY**

**Faculty of Engineering and Computer Science**

**Minutes of Meeting 90-5**

**of the**

**Engineering and Computer Science Faculty Council**

**held**

**Friday, October 19, 1990**

Present: Professors M.N.S. Swamy, (Chair); M.O. Ahmad, V.S. Alagar, A.E. Blach, T.D. Bui, E.J. Doedel, T. Fancott, P.P. Fazio, D. Feldman, F.D. Hamblin, A.M. Hanna, C. Lam, G. Martin, M.O.M. Osman, R.V. Patel, O.A. Pekau, H.B. Poorooshasb, P.N. Senneviratne, T. Stathopoulos, G. Vatistas, G.D. Xistris, P.D. Ziogas; J. Lightstone, Assoc. V.-R. Ac., Research; Lee Harris (Library); Caroline Renaud (ECA), David Dichmann (ECA), Guy Vezina (ECA); P.M. Bourassa (Secretary).

Absent with apology: Professor O. Moselhi.

Visitors: Prof. A. Ramamurthy; Mr. Craig Brown (Liaison)

1. **Adoption of Agenda**

Motion 90-5-1 A motion was submitted for the adoption of the published agenda. There was a request that the order of items 4 and 5 be reversed. A discussion on the relative urgency of these two items followed and the question was called.

The vote on calling the question was 23 in favour, none against and one abstention.

The motion for adopting the published agenda, with the order of items 4 and 5 reversed, was adopted by a unanimous vote.

2. **Adoption of the Minutes of Meeting 90-4**

Motion 90-5-2 Council unanimously adopted a motion to approve the minutes of Meeting 90-4.

3. Chairman's Remarks

Dr. Swamy first congratulated those who participated in the Concordia Shuffle, the first annual walk between the Sir George Williams and Loyola campuses.

He then mentioned the visit of Dr. Wei Yu, President of the Southeast University of China, and two colleagues in relation with the Joint Doctoral Program of that university with Concordia.

He also spoke about a letter to the Vice-Dean of the University of Costa Rica concerning the visit of Dr. Clara Zomer on October 29 and 30.

Finally, he said that the Status of Women Committee of the Faculty met a number of times last year to consider measures to increase the number of women students in engineering.

He added that, in order to ensure that this Committee is made up of people who are genuinely interested in the subject, he would like those who are interested in joining the Committee to let him know.

4. Undergraduate Curriculum Changes

Prof. Hamblin presented documents ECFC 90-5-2a, 90-5-2b and 90-5-2c. The last one is for information purposes only and does not require legislation.

Dr. Fazio said that it would have been beneficial to have the proposals made by CBS brought before Faculty Council even though they are not being recommended by ECUSC. Prof. Hamblin answered that, in the case of the Technical Drawing course, which seems to be Dr. Fazio's concern, ECUSC decided to set up a sub-committee whose mandate is to review the contents of this course and see if it can suggest modifications which would satisfy the requirements of CBS and be acceptable to the other units within the Faculty. This sub-committee is to report to ECUSC in January, and it was thought best to wait until its findings are available, before asking Council to make a decision on a new Technical Drawing course.

Motion  
90-5-3

A motion was submitted to recommend to Senate the curriculum changes contained in Documents ECFC 90-5-2a and 90-5-2b.

Dr. Bui pointed out a few typing errors in the document. There was then a discussion of the possibility of overlap between courses. The question was called and the vote was 20 in favour, two against and one abstention.

The vote on the motion itself was 22 in favour, two against and one abstention.

5. Graduate Curriculum Changes

Motion 90-5-4 A motion was presented to recommend the approval of Topic Area E11-Aerospace - together with the new courses described in Document ECFC 90-5-1A. This motion was carried unanimously.

Document ECFC 90-5-1B was then presented for consideration.

Motion 90-5-5 A motion calling for the deletion of BLDG 650, 651 and 652 was carried unanimously, with the proviso that a rationale be added to the document.

Motion 90-5-6 A motion calling for the deletion of CIVI 639, 642 and 643 was carried unanimously.

Motion 90-5-7 By a unanimous vote, Council agreed to recommend to Senate the changes in CIVI courses described on pages 7, 8, 9, and 10 of Section 2 of Document 90-5-1B, with the provisos that the rationale for CIVI 740 be changed and that the description of the change to CIVI 660 be amended to read: "Delete prerequisite".

Motion 90-5-8 A motion to recommend to Senate the approval of the new course on page 11 of Section 2 of Doc. ECFC 90-5-1B was approved unanimously.

Motion 90-5-9 A motion to recommend to Senate the approval of the new courses described on pages 1 and 2 of Section 3 of Doc. ECFC 90-5-1B was unanimously approved, with the recommendation that the title of the first course be shortened to "Broadband Optical Communications".

Motion 90-5-10 A motion to add the course on "Neural Networks" to the list of Cognate Courses from Engineering (Topic Area C09) for Computer Science students was adopted by a vote of 21 in favour, none opposed and one abstention.

Motion 90-5-11 A motion to recommend the deletion of ELEC 645 and 647 received unanimous approval, with the proviso that the rationale "No longer offered" be added to the documents.

Dr. Fancott presented Section 4 (Computer Science) of Doc. 90-5-1B which includes changes related to a revision of the Diploma Program as well as changes to 600 and 700 level courses.

- Motion 90-5-12 A motion recommending to Senate the addition of seven new courses, COMP 520, 527, 536, 546, 551, 557 and 558, as described on pages 3, 6, 7, 15, 19, 21 and 23 of Section 4 of Doc. ECFC 90-5-1B was carried unanimously, with the proviso that a note be added to the calendar descriptions to prevent students repeating the same material with different course numbers.
- Motion 90-5-13 A motion recommending to Senate the deletion of COMP 524, 543, 546, 585, 586 and 591 with the proviso that their numbers without descriptions be retained for one year (to be available only for students enrolled prior to 1991) and the deletion with no proviso of COMP 525, 531, 535, 550, 552, 553 and 554 was carried unanimously.
- Motion 90-5-14 A motion recommending to Senate the revision of the Diploma requirements as set out in pages 26, 27 and 28 of Section 4 of Doc. ECFC 90-5-1B was introduced.  
During the discussion, the following amendment was submitted:
- Motion 90-5-15 That one 5xx course be deleted from the requirements, reducing the required total number of credits to 30 or 31.  
This amendment was defeated unanimously.  
Motion 90-5-14 was then carried unanimously.
- Motion 90-5-16 The course changes to COMP 627, 645, 646, 671 and 675, as described on pages 8, 9, 10, 11 and 24 of Section 4 of Doc. 90-5-1B, received unanimous approval, but it was agreed that they would remain at 3 credits each.
- Motion 90-5-17 A motion recommending to Senate the approval of the new course COMP 777 "Computer Vision" as described on pages 12 and 12a of Section 4 of Doc. ECFC 90-5-1B, and its addition to Topic Area E71, cognate courses from the Computer Science Program was carried unanimously, with the proviso that the words "or permission of the instructor" be deleted from the prerequisite requirements.
- Motion 90-5-18 A motion recommending that the changes in the prerequisite numbers resulting from the above course changes be adopted, and that an equivalence table be provided was carried unanimously.

Motion 90-5-19 A motion recommending that the rule for constituting the thesis evaluation committee for a M.A.Sc. thesis be changed **from**  
"the student's supervisor(s) and at least two examiners... one of whom shall be external to the student's program"  
**to**  
"the student's supervisor(s) and at least three examiners... one of whom shall be external to the student's program"  
was tabled by a vote of 11 in favour, none opposed and 4 abstentions.

6. Adjournment

Motion 90-5-20 Council unanimously adopted a motion to adjourn.